What is claimed is:

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1. A surgical microscope comprising:

a viewing unit for viewing an object;

an image projection module for inputting image data into said viewing unit;

said image projection module including an image display unit for displaying said image data; and,

said image projection module including a plano-convex lens and a plano-concave lens mounted downstream of said image display unit.

- 2. The surgical microscope of claim 1, wherein said plano-convex lens has a first focal length and said plano-concave lens has a second focal length; and, the ratio of said first focal length and said second focal length lies within a range from 1.9 to 2.5.
- 3. The surgical microscope of claim 1, wherein said viewing unit defines a viewing beam path; and, said image projection module includes a beam splitter mounted in said viewing beam path.
- 4. The surgical microscope of claim 3, wherein said plano-convex lens is a first plano-convex lens; said image projection unit further including a concave-convex lens and a second plano-convex lens; said first plano-convex lens, said plano-concave lens, said concave-convex lens and said second plano-convex lens all being arranged between said image display unit and said beam splitter.
- 5. A surgical microscope comprising:

a viewing unit for viewing an object and said viewing unit

defining a viewing beam path:

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an image projection module for inputting image data into said viewing unit;

said image projection module including an image display unit for displaying said image data;

an image recording module for recording an image of said object supplied by said viewing unit; and,

said image recording module including:

an image sensor mounted to receive said image data from said image projection module;

an image recording beam splitter mounted in said viewing beam path for directing said image of the object onto said image sensor; and,

a recording device connected to said image sensor for recording said image data and said image of said object.

- 6. The surgical microscope of claim 5, wherein said image projection module is disposed in said viewing beam path between said image recording beam splitter and said object.
- 7. The surgical microscope of claim 5, wherein said recording device includes an image mixer for mixing image data and said image of said object.
- 8. A surgical microscope comprising:

a viewing unit for viewing an object and said viewing unit defining a viewing beam path:

an image projection module for inputting image data into said viewing unit;

said image projection module including an image display unit

for displaying said image data;

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said image display unit including a reflection display illuminated sequentially with different colors as a function of time.

- 9. The surgical microscope of claim 8, wherein said image display unit includes a rotatably mounted filter wheel for illuminating said reflection display; and, a device for synchronizing the rotation of said filter wheel with the clock ratio of said reflection display.
- 10. The surgical microscope of claim 10, wherein the brightness of said image display unit is increased by providing a time-dependent sequential illumination of said reflection display with only a single color.
- 11. A surgical microscope comprising:

a viewing unit for viewing an object;

an image projection module for inputting image data into said viewing unit;

said image projection module including an image display unit for displaying said image data;

said viewing unit defining a viewing beam path;

an optical device mounted in said viewing beam path for providing an image of said object to a location outside of said viewing beam path;

an image recording module for recording an image of said object supplied by said viewing unit; and,

said image recording module including:

an image sensor mounted to receive said image data from said

image projection module;

an image recording beam splitter mounted outside of said viewing beam path for directing said image of the object onto said image sensor; and,

a recording device connected to said image sensor for recording said image data and said image of said object.